

E. H. FLINT.
MAINSRING ATTACHMENTS FOR WATCH-BARRELS.

No. 195,268.

Patented Sept. 18, 1877.

Fig. 1.

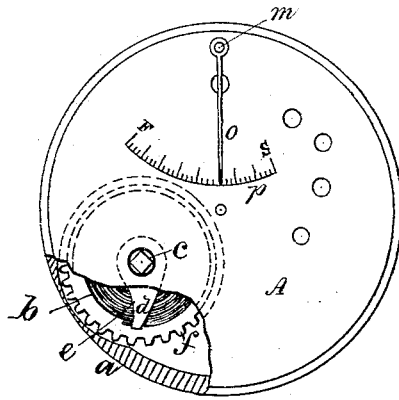
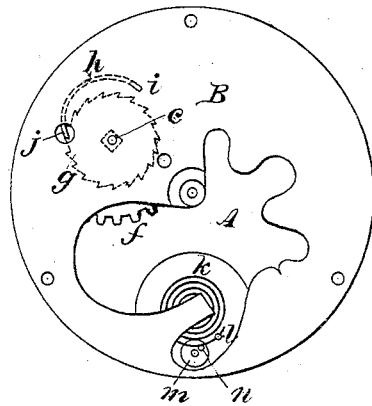


Fig. 2.



WITNESSES:

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IMPROVEMENT IN MAINSPRING ATTACHMENTS FOR WATCH-BARRELS.

Specification forming part of Letters Patent No. **195,268**, dated September 18, 1877; application filed June 11, 1877.

To all whom it may concern:

Be it known that I, EDWIN H. FLINT, of Cincinnati, in the county of Hamilton and State of Ohio, have invented a new and Improved Watch, of which the following is a specification:

Figure 1 represents the back of the movement. Fig. 2 represents the face side of the movement.

Similar letters of reference indicate corresponding parts.

Referring to the drawing, A is the back plate of the watch, upon which is formed the dust-ring *a*, which serves as a support for the face-plate B. The back plate A is chambered out to receive the mainspring *b*, and *c* is the winding-arbor that passes centrally through the spring-chamber, and is provided with an arm, *d*, having a concave edge, *e*, which is beveled to receive a hook formed on the outer end of the mainspring *b*. The inner end of the mainspring is engaged by a hook that projects from the boss of the barrel-wheel *f*.

The winding of the watch is effected by turning the arbor *c*, which carries the outer end of the spring around, and coils the inner end of the spring around the boss of the barrel-wheel *f*.

The advantages claimed for my improved watch are that it is perfectly dust-proof, it does away with the usual retaining mechanism, and obviates injury to the watch in case the spring breaks.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

An arbor-arm, *d*, having the concave edge *e*, and a mainspring having an outer hook and an inner end engaging with hook or boss of barrel-wheel *f*, all arranged in mainspring-barrel, as shown and described.

EDWIN HENRY FLINT.

Witnesses:

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